

REMARKS

The Office Action made a restriction requirement between the following groups:

Group I – claims 10, in part, and 11-18, drawn to a method of determining the concentration of a glycosyl hydrolase by active site titration using an inhibitor having a K_d which is at least 25 times lower than the concentration of glycosyl hydrolyase;

Group II – claims 10, in part, and 11-18, drawn to a method of determining the concentration of a glycosyl hydrolase by active site titration, when the glycosyl hydrolase is a retaining glycosyl hydrolase, using a substrate wherein the rate constant for the glycosylation step is at least 10 times larger than for the deglycosylation step;

Group III – claims 19, in part, and 20, drawn to a method of screening for a property of a glycosyl hydrolase wherein the property is dependent on the concentration of the glycosyl hydrolase, comprising determining the concentration of the glycosyl hydrolase of each position of the spatial array by active-site titration using an inhibitor having a K_d which is at least 25 times lower than the concentration of glycosyl hydrolase; and

Group IV – claims 19, in part, and 20, drawn to a method of screening for a property of a glycosyl hydrolase wherein the property is dependent on the concentration of the glycosyl hydrolase, wherein the glycosyl hydrolase is a retaining glycosyl hydrolase, comprising determining the concentration of the glycosyl hydrolase of each position of the spatial array by active-site titration using a substrate wherein the rate constant for the glycosylation step is at least 10 times larger than for the deglycosylation step.

The Office Action also requested that Applicants elect one of the following species:

Glycosyl hydrolase belonging to family 13,
Glycosyl hydrolase belonging to family 14,
Glycosyl hydrolase belonging to family 15,
Glycosyl hydrolase belonging to family 31,
Glycosyl hydrolase belonging to family 57, and
Glycosyl hydrolase belonging to family 63.

In response to these requirements, Applicants hereby elect with traverse the invention of Group III, and the species of glycosyl hydrolase of family 15. Claims 19 and 20 read on the elected species. Applicants hereby reserve the right to file divisional

applications directed to the nonelected subject matter.

The Examiner is hereby invited to contact the undersigned by telephone if there are any questions concerning this response or application.

Respectfully submitted,

Date: September 8, 2008

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